

Installation Instructions

hp ProLiant DL380 Storage Server



© Copyright 2004 Hewlett-Packard Development Company, L.P.

Hewlett-Packard Company makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

This document contains proprietary information, which is protected by copyright. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Hewlett-Packard. The information contained in this document is subject to change without notice.

Hewlett-Packard Company shall not be liable for technical or editorial errors or omissions contained herein. The information is provided "as is" without warranty of any kind and is subject to change without notice. The warranties for Hewlett-Packard Company products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty.

Printed in the U.S.A.

HP ProLiant DL380 Storage Server
Installation Instructions
First Edition (September 2004)
Part Number: 378124-001



This document is for the person who installs, administers, and troubleshoots servers and storage systems. HP assumes you are qualified in servicing computer equipment and trained in recognizing hazards in products with hazardous energy levels.

Operating system

The HP ProLiant DL380 Storage Server is preloaded with the Windows® Storage Server 2003 operating system. Prior to power up, deployment instructions found in the "Installation Guide" should be followed to enable the successful configuration of the storage server in addition to the guidelines found below.

Required Items:

- Installation Guide
- Administration Guide

To begin the first-time startup procedure:

- Be sure that the server is safely installed in an adequate environment.
- Be sure that the power cables and peripheral devices are plugged in and AC power is supplied to the server.
- Refer to the Installation Guide prior to powering up the server.

Product documentation

<i>Installation Instructions</i>	rack installation poster
<i>Rack template</i>	tool used during rack installation
<i>Documentation CD</i>	contains: <ul style="list-style-type: none">■ Administration Guide■ Installation Guide
<i>Installation Guide</i>	requirements and configuration options
<i>Administration Guide</i>	provides administrative and procedural instructions to manage the storage server
<i>HP Warranty fulfillment document</i>	provides instructions to obtain a printed warranty
<i>HP Important Safety Information booklet</i>	Safety information for HP Storage, Power, Networking and Rack products

Rack planning resources

The rack resource kit ships with all HP branded or Compaq branded 9000, 10000, and H9 series racks. For more information on the content of each resource, refer to the rack resource kit documentation.

If you intend to deploy and configure multiple servers in a single rack, refer to the white paper on high-density deployment at the HP web site.

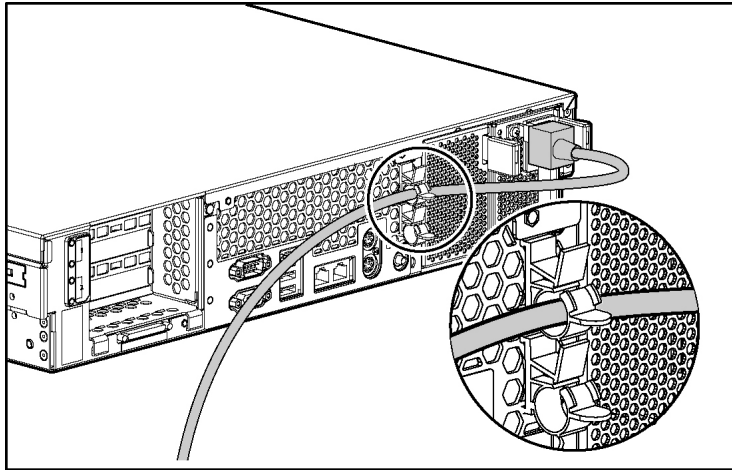
<http://www.hp.com/products/servers/platforms>

Installing the server into a rack



CAUTION: Always install the heaviest item first, and continue to populate the rack from the bottom to top.

1. Install the server and cable management arm. Refer to the installation instructions that ship with the 2U Quick Deploy Rail System.
 - If you chose not to install the cable management arm, install the power cord anchor to the server.



IMPORTANT: When using cable management arm components, be sure to leave enough slack in each of the cables to prevent damage to the cables when the server is extended from the rack.

If using the power cord anchor, be sure to leave enough slack in the power cord so that the redundant power supply can be removed without disconnecting the power cord from the primary power supply.

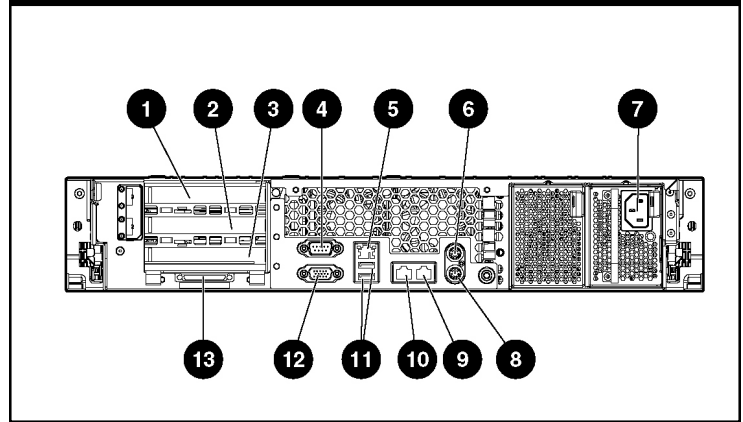
2. Connect any peripheral devices.
3. Connect the power cord to the back of the server.
4. Secure cables to the cable management arm if installed.
5. Connect the power cord to the AC power source.



WARNING: To reduce the risk of electric shock or damage to the equipment:

- Do not disable the power cord grounding plug.
- Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times.
- Unplug the power cord from the power supply to disconnect power to the equipment.
- Do not route the power cord where it can be walked on or pinched by items placed against it.

Server callouts



Item	Description	Color
1	Hot-pluggable PCI-X expansionslot 3, slot 3, 64-bit/100 MHz, Bus B	N/A
2	Hot-pluggable PCI-X expansion slot 2, slot 2, 64-bit/100 MHz, Bus B	N/A
3	PCI-X hot pluggable expansion slot 1, 64-bit/133 MHz, Bus A	N/A
4	Serial connector	Teal
5	iLO connector	N/A
6	Mouse connector	Green
7	Power cord connector	N/A
8	Keyboard connector	Purple
9	NIC 1 connector	N/A
10	NIC 2 connector	N/A
11	USB connectors	Black
12	Video connector	Blue
13	VHDCI SCSI connector (port 1)	N/A

Registering the server

To register your product visit the HP Registration website at:

<http://www.register.hp.com>